

PRELIMINARY  
SPECIFICATIONS

MOVE THE WORLD FORWARD  MITSUBISHI  
HEAVY  
INDUSTRIES  
GROUP

**PREMIA ES**

# PEDESTRIAN POWER PALLET AND DOUBLE PALLET TRUCKS

1.6 - 2.0 tonnes

**OVERCOME YOUR OBSTACLES...  
ACHIEVE OUTSTANDING PERFORMANCE**

Developed for non-stop performance in the most challenging environments and the tightest spaces, PREMIA ES pedestrian power pallet trucks offer you a comprehensive range of transfer possibilities.

## SPECIFICATIONS

PBP16N2	PBP16PD
PBP18N2	PBP20N2R
PBP20N2	PBP20N2E



**WHEN  
RELIABILITY IS  
EVERYTHING...**

 **MITSUBISHI  
FORKLIFT TRUCKS**

# PREMiA ES

## PBP16 - 20N2(R)(E) & PBP16PD Series

### PEDESTRIAN POWER PALLET AND DOUBLE PALLET TRUCKS

1.6 – 2.0 tonnes



**Whether you are upgrading from a hand pallet truck, doing short shuttle work or looking for a truck prepared to go the distance, there is a PREMiA model which will meet your needs.**

With PREMiA ES, anything is possible – including outdoor operation if that's what you need. It's possible on most models, thanks to high-stability, market-leading lift heights and outstanding ingress protection.

These low-maintenance models feature an easy-to-use tiller arm design, protects hands and places everything within easy reach for safe, comfortable, controlled operation.

#### FRAME AND BODY

- **Sealed chassis** offers protection against dirt, dust and other particles to reduce wear.\*
- **Water-resistant design** diverts splashed moisture away from key electrical components, for long truck life.\*
- **High stability** is ensured by use of two linked castor wheels – next to the central drive wheel – in addition to the load wheels.\*
- **Low centre of gravity** adds further stability, for safe operation.

\* Not available on PBP16PD

#### MAST AND FORKS

- **Robust forks** with welded construction, and rounded tips for effortless pallet entry, give extra strength and durability.
- **Market-leading lift height of 135 mm** allows easy handling on steep ramps and loading docks, even with damaged pallets.\*
- **Tapered forks** enhance safety, while offering quicker and easier access to pallets in racks or block stacks.
- **Rising forks** on PBP20N2E place loads at an ergonomic height – maximum 735 mm – for loading & unloading with minimal physical strain.

#### DRIVE

- **Powerful AC drive motor** is placed above the chassis plate, safeguarding it against the elements.\*
- **Oil-filled, sealed transmission** is shock-resistant, quiet and requires little maintenance.\*

#### STEERING SYSTEM

- **State-of-the-art tiller arm** offers the ultimate in ergonomic design, comfort and safety.
- **Small turning circle** together with compact chassis and excellent visibility means exceptional manoeuvrability.

#### BRAKES

- **Regenerative braking** gives effective control, without brake wear, and extends shift life.
- **Parking brake** is automatically activated, when necessary, for extra safety on ramps.

#### ELECTRICAL AND CONTROL SYSTEMS

- **Programmable controller** adjusts acceleration, travel speed and braking to suit the application and operator – for greater versatility.
- **On-board diagnostics and fault memory folder** speed up servicing and help prevent damage.
- **High-efficiency electronic system** features waterproof components for maximum reliability – even in moist conditions.\*



**There is more information on PREMiA ES on [mitforklift.com](http://mitforklift.com)**

For more extensive information please visit our website [mitforklift.com](http://mitforklift.com)



[mft2.eu/premiaes](http://mft2.eu/premiaes)

PREMiA ES

## PBP16 - 20N2(R)(E) & PBP16PD Series

### PEDESTRIAN POWER PALLET AND DOUBLE PALLET TRUCKS

1.6 – 2.0 tonnes



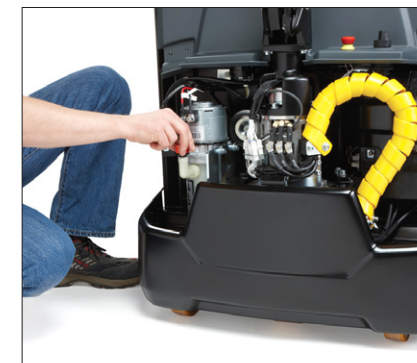
#### OPERATOR ENVIRONMENT AND CONTROLS

- **Creep speed function and tiller arm lock bypass** maximise safety and control in confined spaces.
- **Unique crossbar design** deflects obstacles away from tiller arm and operator's hand, protecting both truck and operator.
- **Choice of two performance modes** via key switch enhances safety, energy efficiency and productivity.\*
- **Easy-to-operate controls** reduce operator fatigue and minimise mistakes to enhance safety.
- **Ergonomically shaped rubber hand grips** are comfortable and slip-free, allowing for easy reach of controls.\*
- **Battery discharge indicator** is fitted as standard for battery protection and monitoring of truck use.
- **Ground clearance** is only 35 mm - which makes foot trapping very unlikely.
- **Spacious, suspended foldable platform** on PBP20N2R allows operator to ride in comfort - maximum speed 6 km/h - during occasional longer travel.

\* Not available on PBP16PD

#### OTHER FEATURES

- **RapidAccess features** allow quick and easy entry to all areas for checks and maintenance.
- **PIN-code access** prevents unauthorised use of the truck (PBP16PD only).



There is more information  
on PREMiA ES  
on [mitforklift.com](http://mitforklift.com)

For more extensive information  
please visit our website  
[mitforklift.com](http://mitforklift.com)



[mft2.eu/premiaes](http://mft2.eu/premiaes)



# VDI - PERFORMANCE & DIMENSIONS

CHARACTERISTICS				Mitsubishi Forklift Trucks	Mitsubishi Forklift Trucks	Mitsubishi Forklift Trucks
1.1	Manufacturer			PBP16N2	PBP18N2	PBP20N2
1.2	Manufacturer's model designation			Battery	Battery	Battery
1.3	Power source			Pedestrian	Pedestrian	Pedestrian
1.4	Operator type					
1.5	Load capacity	Q	kg	1600	1800	2000
1.6	Load center distance	c	mm	600	600	600
1.8	Load wheel axle to fork face (forks lowered)	x	mm	960	960	960
1.9	Wheelbase	y	mm	1360	1424	1424
WEIGHT						
2.1	Truck weight without load, with maximum battery weight		kg	431	502	634
2.2	Axle loadings with nominal load & maximum battery weight, drive / load side		kg	635 / 1396	806 / 1496	864 / 1770
2.3	Axle loadings without load & with maximum battery weight, drive / load side		kg	332 / 99	381 / 121	475 / 159
WHEELS, DRIVE TRAIN						
3.1	Tyres: PT = Power Thane, Vul = Vulkollan, P = Polyurethane, N = Nylon, R = Rubber drive / load side			Vul / Vul	Vul / Vul	Vul / Vul
3.2	Tyre dimensions, drive side		mm	230 x 70	230 x 70	230 x 70
3.3	Tyre dimensions, load side		mm	85 x 90	85 x 75	85 x 75
3.4	Castor wheel dimensions (diameter x width)		mm	100 x 40	100 x 40	100 x 40
3.5	Number of wheels, load / drive side (x = driven)			2 + 1 x / 2	2 + 1 x / 4	2 + 1 x / 4
3.6	Track width (center of tyres), drive side	b10	mm	480	480	480
3.7	Track width (center of tyres), load side	b11	mm	355 / 375 / 495	355 / 375 / 495	355 / 375 / 495
DIMENSIONS						
4.2a	Height with mast lowered	h1	mm			
4.4	Lift height	h3	mm	135	135	135
4.5	Height with mast extended	h4	mm			
4.6	Initial lift	h5	mm	-	-	-
4.8	Seat- or stand height	h7	mm	-	-	-
4.9	Height of tiller arm / steering console (min./max.)	h14	mm	1050 / 1372	1050 / 1372	1050 / 1372
4.15	Fork height, fully lowered	h13	mm	85	85	85
4.19	Overall length	l1	mm	1648	1712	1712
4.20	Length to fork face	l2	mm	498	562	562
4.21	Overall width	b1/b2	mm	720	720	720
4.22	Fork dimensions (thickness, width, length)	s/e/l	mm	55 / 165 / 1150	55 / 165 / 1150	55 / 165 / 1150
4.25	Fork carriage width	b5	mm	520 / 540 / 660	520 / 540 / 660	520 / 540 / 660
4.32	Outside width over forks (minimum / maximum)	m2	mm	30	30	30
4.33c	Working aisle width (Ast) with 1000 x 1200 mm pallets, load crosswise, platform up/down	Ast	mm	1694	1758	1758
4.34a	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise	Ast	mm			
4.34b	Working aisle width (Ast3) with 800 x 1200 mm pallets, load lengthwise	Ast3	mm			
4.34c	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise, platform up/down	Ast	mm	1894	1958	1958
4.35	Turning radius	Wa	mm	1454	1518	1518
PERFORMANCE						
5.1	Travel speed, with / without load		km/h	6.0 / 6.0	6.0 / 6.0	6.0 / 6.0
5.2	Lifting speed, with / without load		m/s	0.035 / 0.045	0.035 / 0.045	0.04 / 0.06
5.3	Lowering speed, with / without load		m/s	0.05 / 0.05	0.05 / 0.05	0.05 / 0.05
5.7	Gradeability, with / without load		%	10.0 / 20.0	10.0 / 20.0	10.0 / 20.0
5.9	Acceleration time (10 metres) with / without load		s			
5.10	Service brakes (mechanical / hydraulic / electric / pneumatic)			Electric	Electric	Electric
ELECTRIC MOTORS						
6.1	Drive motor capacity (60 min. short duty)		kW	1.0	1.0	1.0
6.2	Lift motor output at 15% duty factor		kW	0.8	0.8	1.2
6.4	Battery voltage/capacity at 5-hour discharge		V/Ah	24 / 150	24 / 250	24 / 250 - 375 <sup>1)</sup>
6.5	Battery weight		kg	151	212	212-294
MISCELLANEOUS						
8.1	Type of drive control			Stepless	Stepless	Stepless
10.7	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 4871 in work LpAZ		dB(A)			
10.7.1	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 4871, drive/lift/idle LpAZ		dB(A)	62 / 69 / 0	62 / 69 / 0	65 / 67 / 0
10.7.2	Whole-body vibration (EN 13 059:2002)			-	-	-
10.7.3	Hand-arm vibration (EN 13 059:2002)			< 2.5	< 2.5	< 2.5

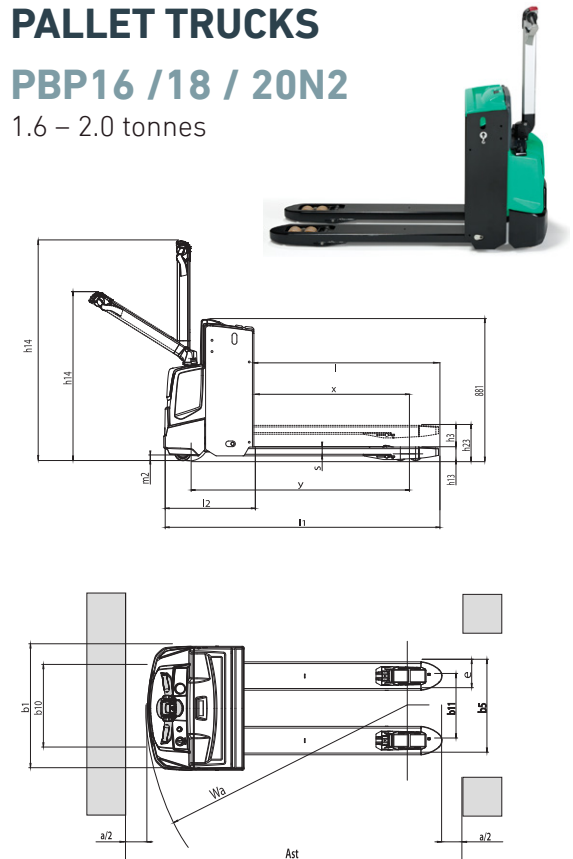
1) With 375Ah battery the l2 dimension increases 72mm

PREMIA ES

## PEDESTRIAN POWER PALLET TRUCKS

PBP16 / 18 / 20N2

1.6 – 2.0 tonnes



Ast =  $Wa - x + l6 + a$   
Ast = Working aisle width  
Wa = Turning radius  
a = Safety clearance (200 mm)  
l6 = Pallet length

# VDI - PERFORMANCE & DIMENSIONS

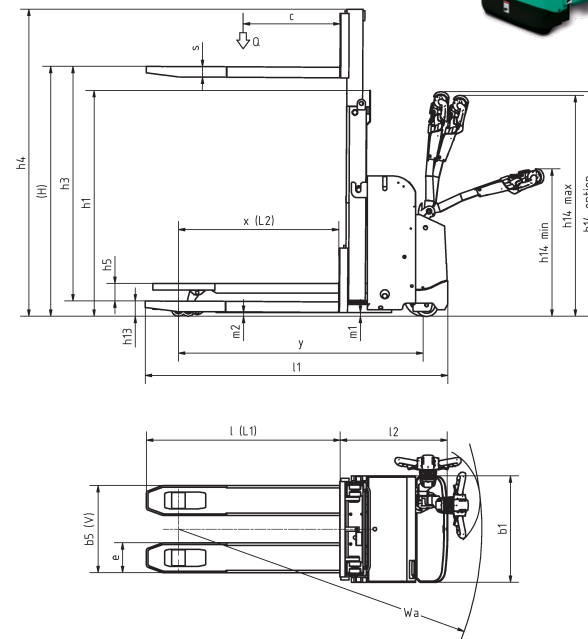
CHARACTERISTICS				
1.1	Manufacturer			Mitsubishi Forklift Trucks
1.2	Manufacturer's model designation			PBP16PD
1.3	Power source			Battery
1.4	Operator type			Pedestrian
1.5	Load capacity	Q	kg	1600 / 800 + 800
1.6	Load center distance	c	mm	600
1.8	Load wheel axle to fork face (forks lowered)	x	mm	990
1.9	Wheelbase	y	mm	1510
WEIGHT				
2.1	Truck weight without load, with maximum battery weight		kg	800
2.2	Axle loadings with nominal load & maximum battery weight, drive / load side		kg	990 / 1410
2.3	Axle loadings without load & with maximum battery weight, drive / load side		kg	590 / 210
WHEELS, DRIVE TRAIN				
3.1	Tyres: PT = Power Thane, Vul = Vulkollan, P = Polyurethane, N = Nylon, R = Rubber drive / load side			Vul / Vul
3.2	Tyre dimensions, drive side		mm	230 x 70
3.3	Tyre dimensions, load side		mm	85 x 99
3.4	Castor wheel dimensions (diameter x width)		mm	140 x 60
3.5	Number of wheels, load / drive side (x = driven)			1 x + 1 / 4
3.6	Track width (center of tyres), drive side	b10	mm	382
3.7	Track width (center of tyres), load side	b11	mm	355
DIMENSIONS				
4.2a	Height with mast lowered	h1	mm	1400 / 1550
4.4	Lift height	h3	mm	1700 / 2000
4.5	Height with mast extended	h4	mm	2145 / 2445
4.6	Initial lift	h5	mm	120
4.8	Seat- or stand height	h7	mm	
4.9	Height of tiller arm / steering console (min./max.)	h14	mm	913 / 1368
4.15	Fork height, fully lowered	h13	mm	90
4.19	Overall length	l1	mm	1864
4.20	Length to fork face	l2	mm	664
4.21	Overall width	b1/b2	mm	660
4.22	Fork dimensions (thickness, width, length)	s/e/l	mm	65 / 185 / 1200
4.25	Fork carriage width	b5	mm	540
4.32	Outside width over forks (minimum / maximum)	m2	mm	25
4.33c	Working aisle width (Ast) with 1000 x 1200 mm pallets, load crosswise, platform up/down	Ast	mm	NA
4.34a	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise	Ast	mm	2532
4.34b	Working aisle width (Ast3) with 800 x 1200 mm pallets, load lengthwise	Ast3	mm	2290
4.34c	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise, platform up/down	Ast	mm	
4.35	Turning radius	Wa	mm	1880
PERFORMANCE				
5.1	Travel speed, with / without load		km/h	5.6 / 6
5.2	Lifting speed, with / without load		m/s	0.10 / 0.20
5.3	Lowering speed, with / without load		m/s	0.12 / 0.12
5.7	Gradeability, with / without load		%	6 / 19
5.9	Acceleration time (10 metres) with / without load		s	7.94 / 6.76
5.10	Service brakes (mechanical / hydraulic / electric / pneumatic)			Electric
ELECTRIC MOTORS				
6.1	Drive motor capacity (60 min. short duty)		kW	1.3
6.2	Lift motor output at 15% duty factor		kW	2.35
6.4	Battery voltage/capacity at 5-hour discharge		V/Ah	24 / 150 - 230
6.5	Battery weight		kg	140 - 215
MISCELLANEOUS				
8.1	Type of drive control			Stepless
10.7	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 4871 in work LpAZ		dB(A)	74,6 +/- 0,7
10.7.1	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 4871, drive/lift/idle LpAZ		dB(A)	
10.7.2	Whole-body vibration (EN 13 059:2002)			
10.7.3	Hand-arm vibration (EN 13 059:2002)			

1) With 375Ah battery the l2 dimension increases 72mm

## PREMIA ES PEDESTRIAN DOUBLE PALLET TRUCK

### PBP16PD

1.6 tonnes



Ast = Wa-x+l6+a  
Ast = Working aisle width  
Wa = Turning radius  
a = Safety clearance (200 mm)  
l6 = Pallet length

h3+h13 = Lifting height  
h1 = Lowered mast height  
h2+h13 = Free lift

MAST TYPE	h3 + h13 mm	h1* mm	h2 + h13 mm
PBP16PD			
DUPLEX	1790	1400	NA
	2090	1550	NA

### Mast Performance and Capacity

h1 = Height with mast lowered  
h2 = Standard free lift  
h3 = Lift height  
h4 = Height with mast raised  
h5 = Full free lift  
Q = Lifting capacity, rated load  
c = Load centre (distance)

\* h1 closed mast height includes polycarbonate finger protection. Mast height excl. Finger protection is 1343mm / 1493mm.

# VDI - PERFORMANCE & DIMENSIONS

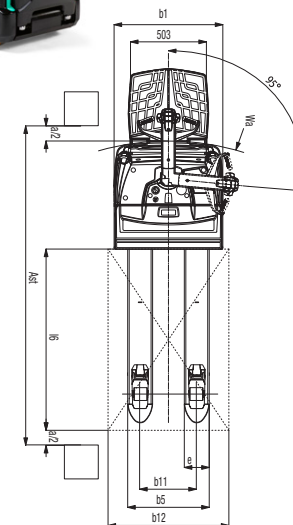
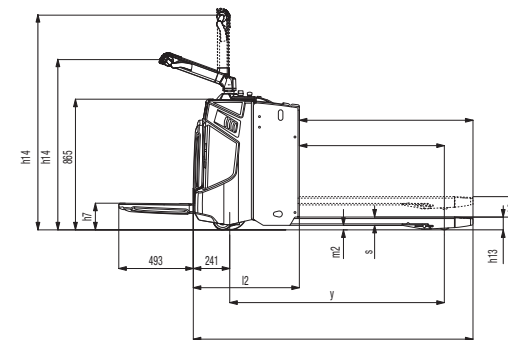
CHARACTERISTICS				Mitsubishi Forklift Trucks	Mitsubishi Forklift Trucks
1.1	Manufacturer			PBP20N2R	PBP20N2E
1.2	Manufacturer's model designation			Battery	Battery
1.3	Power source			Pedestrian	Pedestrian
1.4	Operator type			2000	2000 / 700
1.5	Load capacity	Q	kg	600	600
1.6	Load center distance	c	mm	960	875
1.8	Load wheel axle to fork face (forks lowered)	x	mm	1421	1509
1.9	Wheelbase	y	mm		
WEIGHT					
2.1	Truck weight without load, with maximum battery weight		kg	595	579
2.2	Axle loadings with nominal load & maximum battery weight, drive / load side		kg	890 / 1705	770 / 1809
2.3	Axle loadings without load & with maximum battery weight, drive / load side		kg	470 / 125	419 / 160
WHEELS, DRIVE TRAIN					
3.1	Tyres: PT = Power Thane, Vul = Vulkollan, P = Polyurethane, N = Nylon, R = Rubber drive / load side			Vul / Vul	Vul / Vul
3.2	Tyre dimensions, drive side		mm	230 x 70	230 x 70
3.3	Tyre dimensions, load side		mm	85 x 75	85 x 75
3.4	Castor wheel dimensions (diameter x width)		mm	125 x 55	100 x 40
3.5	Number of wheels, load / drive side (x = driven)			2 + 1 x / 4	2 + 1 x / 4
3.6	Track width (center of tyres), drive side	b10	mm	480	480
3.7	Track width (center of tyres), load side	b11	mm	375	375
DIMENSIONS					
4.2a	Height with mast lowered	h1	mm		
4.4	Lift height	h3	mm	135	735
4.5	Height with mast extended	h4	mm		
4.6	Initial lift	h5	mm	-	135
4.8	Seat- or stand height	h7	mm	172	-
4.9	Height of tiller arm / steering console (min./max.)	h14	mm	1180 / 1350	1050 / 1372
4.15	Fork height, fully lowered	h13	mm	85	90
4.19	Overall length	l1	mm	1854 / 2346	1780
4.20	Length to fork face	l2	mm	702 / 1195	653
4.21	Overall width	b1/b2	mm	720	720
4.22	Fork dimensions (thickness, width, length)	s/e/l	mm	50 / 165 / 1150	50 / 195 / 1150
4.25	Fork carriage width	b5	mm	540	570
4.32	Outside width over forks (minimum / maximum)	m2	mm	30	30
4.33c	Working aisle width (Ast) with 1000 x 1200 mm pallets, load crosswise, platform up/down	Ast	mm	1920 / 2400	1874
4.34a	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise	Ast	mm		
4.34b	Working aisle width (Ast3) with 800 x 1200 mm pallets, load lengthwise	Ast3	mm		
4.34c	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise, platform up/down	Ast	mm	2120 / 2600	2074
4.35	Turning radius	Wa	mm	1680 / 2160	1526
PERFORMANCE					
5.1	Travel speed, with / without load		km/h	6.0 / 6.0	6.0 / 6.0
5.2	Lifting speed, with / without load		m/s	0.03 / 0.05	0.11 / 0.14
5.3	Lowering speed, with / without load		m/s	0.07 / 0.08	0.13 / 0.12
5.7	Gradeability, with / without load		%	9.0 / 20.0	9.0 / 20.0
5.9	Acceleration time (10 metres) with / without load		s		
5.10	Service brakes (mechanical / hydraulic / electric / pneumatic)			Electric	Electric
ELECTRIC MOTORS					
6.1	Drive motor capacity (60 min. short duty)		kW	1.0	1.0
6.2	Lift motor output at 15% duty factor		kW	1.2	1.2
6.4	Battery voltage/capacity at 5-hour discharge		V/Ah	24 / 250 - 375 1)	24 / 150
6.5	Battery weight		kg	212-294	151
MISCELLANEOUS					
8.1	Type of drive control			Stepless	Stepless
10.7	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 4871 in work LpAZ		dB(A)		
10.7.1	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 4871, drive/lift/idle LpAZ		dB(A)	63 / 78 / 0	59 / 60 / 0
10.7.2	Whole-body vibration (EN 13 059:2002)			0.9	-
10.7.3	Hand-arm vibration (EN 13 059:2002)			< 2.5	< 2.5

1) With 375Ah battery the l2 dimension increases 72mm

## PREMIA ES PEDESTRIAN POWER PALLET TRUCKS PBP20N2R

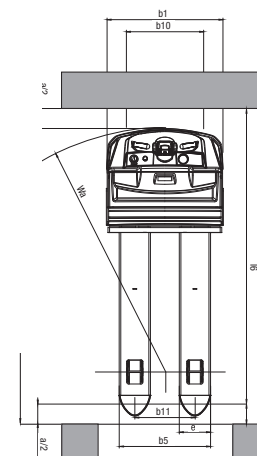
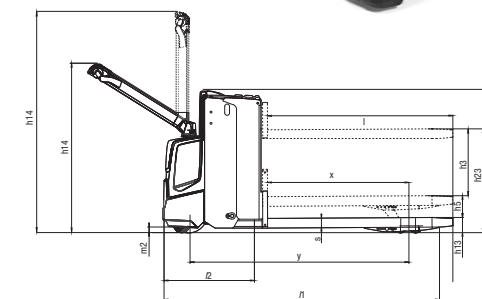
### WITH FOLDING PLATFORM

2.0 tonnes



### PBP20N2E WITH RISING FORKS

2.0 tonnes



Ast = Wa-x+l6+a  
Ast = Working aisle width  
Wa = Turning radius  
a = Safety clearance (200 mm)  
l6 = Pallet length

# STANDARD EQUIPMENT & OPTIONS

● = Standard  
● = Option

	PBP16N2	PBP18N2	PBP20N2	PBP16PD	PBP20N2R	PBP20N2E
<b>GENERAL</b>						
Led battery discharge indicator, no hourmeter	●	●	●	-	●	●
Micro-computer incl. Hour meter and battery indicator with cut out (ATC T4)	-	-	-	●	-	-
PIN code log in 100 codes	-	-	-	●	-	-
PIN code log in 4 codes	●	●	●	-	●	●
Offset tiller arm with display and keypad	-	-	-	●	-	-
Chill store design, down to 1°C, with rust protected axles	-	-	-	●	-	-
Electric on/off valve for lifting and lowering, controlled by rocker switch on tiller head	●	●	●	●	●	●
Polyurethan drive wheel or rubber	-	-	-	●	-	-
Initial lift	-	-	-	●	-	●
Single or tandem load wheels polyurethan	●	●	●	●	●	●
Li-ion batteries	-	-	-	●	-	-
<b>ENVIRONMENT</b>						
Cold store design, 0C° to -35C°	●	●	●	●	●	●
Hot operating condition modification, >30C°	●	●	●	-	●	●
<b>DRIVE AND LIFT CONTROLS</b>						
Heavy duty tiller Head - with key switch entry	-	-	-	●	-	-
Tiller in line with chassis contour	-	-	-	●	-	-
Tiller up drive	●	●	●	●	●	●
Fingertip levers on tiller arm, lift&lowering	●	●	●	●	●	●
<b>WHEEL OPTIONS</b>						
Polyurethan traction and load wheels	●	●	●	●	●	●
Power friction traction wheel	●	●	●	●	●	●
Tandem polyurethan load wheels	●	●	●	●	●	●
Single polyurethan load wheels	●	●	●	●	●	●
Non marking drive wheel	-	-	-	●	-	-
Anti static drive wheel	-	-	-	●	-	-
<b>OTHER OPTIONS</b>						
Rubber foot protection	-	-	-	●	-	-
Diselectric band	-	-	-	●	-	-
Key switch	●	●	●	-	●	●
Capacity 2000kg on straddles	-	-	-	●	-	-
Piezo buzzer instead of standard horn	-	-	-	●	-	-
Load backrest	●	●	●	●	●	●
Special RAL colour	●	●	●	●	●	●
In-built charger 30A	●	●	●	-	●	●
Sideways battery change, 250A and 375Ah battery only	-	-	-	-	●	-
Battery changing device	-	●	●	-	●	-
Accessory rack	●	●	●	-	●	●
Working light	●	●	●	-	●	●

**PREMIA ES**

## PBP16 - 20N2(R)(E) & PBP16PD Series

## PEDESTRIAN POWER PALLET AND DOUBLE PALLET TRUCKS

1.6 – 2.0 tonnes



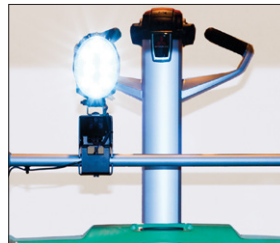
In-built charger 30A



Load backrest



Accessory rack



Working light

PREMIA ES



## OPTIONAL LI-ION BATTERY SYSTEMS FOR THE PBP16PD MODEL

### MAKE YOUR FORKLIFT (AND ITS FUEL) GO EVEN FURTHER

Tried, tested and proven in the field, lead-acid batteries have been the long-standing top choice for companies employing electric lift trucks. However, with long charging times, demanding maintenance requirements, the need for extra batteries and high risk of operator misuse, it can be a challenge. Fortunately, there's a new battery system on the block: Li-ion from Mitsubishi Forklift Trucks.

Designed to meet your business' demands - including multi-shift (24/7) operations - without the need for spare batteries, our high-performance Li-ion battery system is up to 40 per cent more efficient than lead-acid counterparts. Plus, it's virtually error-proof, thanks to its ultra-low-maintenance design which prevent cell damage.



- **Exceptional, zero-emissions efficiency** 40% more efficient than lead-acid batteries and free from gases.
- **Ultra-low maintenance design** demands just a full charge each week to activate cell balancing, as well as an annual CSV export/update.
- **No space required** with no need for charging areas, there's no cost to set up and you can keep your profitable space just that: profitable.
- **Quick charge capabilities** mean that just 15 minutes is all your battery needs to keep your truck going a few more hours. (It only takes 1 to 2 hours to fully charge a completely discharged battery.)
- **Higher sustained voltage** ensures more consistent lifting and driving performance, which is particularly noticeable towards the end of a shift.
- **TriCOM Technology** delivers exceptionally high system efficiency (up to 97%).
- **Water-free design** With no water in the battery and no need to top up, there's no risk of operators damaging cells.
- **Active protection componentry** This continuously monitors the system, highlighting potential issues, including misuse.
- **Short circuit protection** is offered by system safeguards including: deep-discharge and overcharge protection, individual cell temperature and voltage monitoring.
- **On-the-go performance and monitoring** is possible thanks to the system's integrated monitoring system with easy-to-read display unit, as well as an opportunity charger on board.

Battery capacity, Ah	104
Charger capacity, A, 4 hour*	25

\*Built-in charger

There is more information  
on Li-ion  
on [mitforklift.com](http://mitforklift.com)

For more extensive information  
please visit our website  
[mitforklift.com](http://mitforklift.com)





# WHEN RELIABILITY IS EVERYTHING...



## PREMIA THE NUMBER ONE

Number one for reliability... number one for productivity... whatever the conditions.

Compact, efficient and resilient, PREMIA powered pallet trucks meet every need.

Like any product bearing the "MITSUBISHI" name our materials handling equipment benefits from the tremendous heritage, huge resources and cutting-edge technology of one of the world's largest corporations – Mitsubishi Heavy Industries Group.

Engineering spacecraft, jet planes, power plants and more, MHI specialises in those technologies where performance, dependability and superiority decide your success or failure...

So when we promise you quality, reliability and value for money, you know it's a guarantee we have the power to deliver.

That's why every model in our award-winning and comprehensive range of lift trucks and warehouse equipment is built to a high specification – to ensure it keeps working for you. Day after day. Year after year. Whatever the job. Whatever the conditions.

### YOU'LL NEVER WORK ALONE

As your local authorised dealer, we are here to keep your trucks working – through our extensive experience, our technical excellence and our commitment to customer care.

We are your local experts, backed by efficient channels to the entire organisation of Mitsubishi Forklift Trucks.

No matter where you are, we are close by – with the capability to meet your needs.

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Performance specifications may vary depending on standard manufacturing tolerances, vehicle condition, types of tyres, floor or surface conditions, applications or operating environment. Trucks may be shown with non-standard options. Specific performance requirements and locally available configurations should be discussed with your distributor of Mitsubishi forklift trucks. We follow a policy of continual product improvement. For this reason, some materials, options and specifications could change without notice.

[mitforklift@mcfe.nl](mailto:mitforklift@mcfe.nl)

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